

0590
0523

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OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/076,674A

DATE: 05/20/2002
TIME: 14:16:22

Input Set : N:\CrF3\05072002\J076674.raw
Output Set: N:\CRF3\05202002\J076674A.raw

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/076,674A

DATE: 05/20/2002

TIME: 14:16:22

Input Set : N:\Crf3\05072002\J076674.raw
 Output Set: N:\CRF3\05202002\J076674A.raw

48 <400> SEQUENCE: 4
 49 Ile Ser Ile Thr Glu Ile Lys Gly Val Ile Val His Arg Ile Glu Thr
 50 1 5 10 15
 W--> 51 Ile Leu Phe Xaa Cys Asn Gln Gly Ser Phe Leu Thr Lys Gly Pro Ser
 52 20 25 30
 53 Lys Leu Asn Asp Arg Ala Asp Ser Arg Arg Ser Leu Trp Asp Gln Gly
 54 35 40 45
 55 Asn Cys
 56 50
 58 <210> SEQ ID NO: 5
 59 <211> LENGTH: 50
 60 <212> TYPE: PRT
 61 <213> ORGANISM: Human
 62 <220> FEATURE:
 63 <221> NAME/KEY: misc_feature
 64 <222> LOCATION: (20)..(20)
 65 <223> OTHER INFORMATION: Xaa indicates epsilon-Lys
 66 <400> SEQUENCE: 5
 67 Lys Lys Lys Thr Asp Arg Val Ile Glu Val Leu Gln Arg Ala Gly Arg
 68 1 5 10 15
 W--> 69 Ala Ile Leu Xaa Cys Asn Gln Gly Ser Phe Leu Thr Lys Gly Pro Ser
 70 20 25 30
 71 Lys Leu Asn Asp Arg Ala Asp Ser Arg Arg Ser Leu Trp Asp Gln Gly
 72 35 40 45
 73 Asn Cys
 74 50
 76 <210> SEQ ID NO: 6
 77 <211> LENGTH: 31
 78 <212> TYPE: PRT
 79 <213> ORGANISM: Human
 80 <220> FEATURE:
 81 <221> NAME/KEY: misc_feature
 82 <222> LOCATION: (20)..(20)
 83 <223> OTHER INFORMATION: Xaa indicates epsilon-Lys
 84 <400> SEQUENCE: 6
 85 Ile Ser Ile Thr Glu Ile Lys Gly Val Ile Val His Arg Ile Glu Thr
 86 1 5 10 15
 W--> 87 Ile Leu Phe Xaa Cys His Ala Ser Ile Tyr Asp Phe Gly Ser Cys
 88 20 25 30
 90 <210> SEQ ID NO: 7
 91 <211> LENGTH: 27
 92 <212> TYPE: PRT
 93 <213> ORGANISM: Human
 94 <400> SEQUENCE: 7
 95 Lys Lys Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu
 96 1 5 10 15
 97 Leu Glu His Trp Ser Tyr Gly Leu Arg Pro Gly
 98 20 25
 100 <210> SEQ ID NO: 8

RAW SEQUENCE LISTING
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Input Set : N:\Crf3\05072002\J076674.raw
Output Set: N:\CRF3\05202002\J076674A.raw

101 <211> LENGTH: 45
102 <212> TYPE: PRT
103 <213> ORGANISM: Human
104 <400> SEQUENCE: 8
105 Thr Ala Lys Ser Lys Lys Phe Pro Ser Tyr Thr Ala Thr Tyr Gln Phe
106 1 5 10 15
107 Gly Gly Phe Phe Leu Leu Thr Arg Ile Leu Thr Ile Pro Gln Ser Leu
108 20 25 30
109 Glu Gly Gly Glu His Trp Ser Tyr Gly Leu Arg Pro Gly
110 35 40 45
112 <210> SEQ ID NO: 9
113 <211> LENGTH: 45
114 <212> TYPE: PRT
115 <213> ORGANISM: Human
116 <400> SEQUENCE: 9
117 Thr Ala Lys Ser Lys Lys Phe Pro Ser Tyr Thr Ala Thr Tyr Gln Phe
118 1 5 10 15
119 Gly Gly Leu Ser Glu Ile Lys Gly Val Ile Val His Arg Leu Glu Gly
120 20 25 30
121 Val Gly Gly Glu His Trp Ser Tyr Gly Leu Arg Pro Gly
122 35 40 45
124 <210> SEQ ID NO: 10
125 <211> LENGTH: 44
126 <212> TYPE: PRT
127 <213> ORGANISM: Human
128 <220> FEATURE:
129 <221> NAME/KEY: misc_feature
130 <222> LOCATION: (19)..(19)
131 <223> OTHER INFORMATION: Xaa indicates epsilon-Lys
132 <400> SEQUENCE: 10
133 Lys Lys Lys Ile Ile Thr Ile Thr Arg Ile Ile Thr Ile Ile Thr Thr
134 1 5 10 15
W--> 135 Ile Asp Xaa Cys Gly Glu Thr Tyr Gln Ser Arg Val Thr His Pro His
136 20 25 30
137 Leu Pro Arg Ala Leu Met Arg Ser Thr Thr Lys Cys
138 35 40
140 <210> SEQ ID NO: 11
141 <211> LENGTH: 45
142 <212> TYPE: PRT
143 <213> ORGANISM: Human
144 <220> FEATURE:
145 <221> NAME/KEY: misc_feature
146 <222> LOCATION: (20)..(20)
147 <223> OTHER INFORMATION: Xaa indicates epsilon-Lys
148 <400> SEQUENCE: 11
149 Ile Ser Ile Thr Glu Ile Lys Gly Val Ile Val His Arg Ile Glu Thr
150 1 5 10 15
W--> 151 Ile Leu Phe Xaa Cys Gly Glu Thr Tyr Gln Ser Arg Val Thr His Pro
152 20 25 30

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/076,674A

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TIME: 14:16:22

Input Set : N:\Crf3\05072002\J076674.raw
Output Set: N:\CRF3\05202002\J076674A.raw

153 His Leu Pro Arg Ala Leu Met Arg Ser Thr Thr Lys Cys
154 35 40 45

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/20/2002
PATENT APPLICATION: US/10/076,674A TIME: 14:16:23

Input Set : N:\Crf3\05072002\J076674.raw
Output Set: N:\CRF3\05202002\J076674A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 20
Seq#:5; Xaa Pos. 20
Seq#:6; Xaa Pos. 20
Seq#:10; Xaa Pos. 19
Seq#:11; Xaa Pos. 20

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/076,674A

DATE: 05/20/2002

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Input Set : N:\Crf3\05072002\J076674.raw
Output Set: N:\CRF3\05202002\J076674A.raw

L:51 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:16
L:69 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:16
L:87 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:16
L:135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:16
L:151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:16

STATISTICS SUMMARY

PATENT APPLICATION: US/10/076,674A

DATE: 05/20/2002

TIME: 14:16:23

Input Set : N:\Crf3\05072002\J076674.raw
Output Set: N:\CRF3\05202002\J076674A.raw

Application Serial Number: US/10/076,674A

Alpha or Numeric: Numeric

Application Class:

Application File Date: 04-23-2002

Art Unit: OIPE

Software Application: PatentIN3.1

Total Number of Sequences: 11

Total Nucleotides: 80

Total Amino Acids: 337

Number of Errors: 0

Number of Warnings: 5

Number of Corrections: 0

MESSAGE SUMMARY

341 W: 5 ((46) "n" or "Xaa" used)